

Table S1. GenBank Accession numbers of samples included in genetic analyses of this study

Taxon	COI	Cytb	Location	Map	Sources
<i>R. r. rex</i>		EU075216	C: Chongqing	C1	Sun et al. 2008
<i>R. r. rex</i>	MG765730	MG560916	China: Guizhou, Xishui	C3	Zhang et al. 2018
<i>R. r. rex</i>	HM541660		China: Guizhou, Suiyang	C4	Francis et al. 2010
<i>R. r. rex</i>	MG765729	MG560907	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765728	MG560908	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765724	MG560917	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765735	MG560918	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765736	MG560919	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765738	MG560920	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765737	MG560929	China: Guizhou, Zunyi	C5	Zhang et al. 2018
<i>R. r. rex</i>	MG765681	MG560905	China: Guizhou, Wulong	C6	Zhang et al. 2018
<i>R. r. rex</i>	MG765727	MG560911	China: Hubei, Yiyang	C9	Zhang et al. 2018
<i>R. r. rex</i>	MG765725	MG560912	China: Hubei, Yiyang	C9	Zhang et al. 2018
<i>R. r. rex</i>	MG765726	MG560909	China: Hunan, Lengshuijiang	C10	Zhang et al. 2018
<i>R. r. rex</i>	MG765734	MG560910	China: Hunan, Lengshuijiang	C10	Zhang et al. 2018
<i>R. r. rex</i>		KX467582	China: Hunan	C10 (approximated)	Luo et al. unpublished
<i>R. r. rex</i>	JF444054		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JF444055		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JF444056		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JF444057		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JF444058		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JF444059		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JQ600014		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JQ600015		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JQ600016		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JQ600020		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	JQ600022		China: Guizhou, Libo, Shuiyu Village	C11	Kruskop et al. unpublished
<i>R. r. rex</i>	MG765733	MG560906	China: Guangxi, Gulin	C12	Zhang et al. 2018
<i>R. r. rex</i>	MG765723	MG560913	China: Guangxi, Gulin	C12	Zhang et al. 2018
<i>R. r. rex</i>	MG765731	MG560914	China: Guangxi, Gulin	C12	Zhang et al. 2018
<i>R. r. rex</i>	MG765732	MG560915	China: Guangxi, Gulin	C12	Zhang et al. 2018

Taxon	COI	Cytb	Location	Map	Sources
<i>R. r. rex</i>	MG765746	MG560924	China: Guangxi, Gulin	C12	Zhang et al. 2018
<i>R. r. rex</i>		KF294338	China: An Long	C13	Wang et al. unpublished
<i>R. r. rex</i>	OK562967		NA	C14	Chornelia et al. 2022
<i>R. r. rex</i>	OK562968		NA	C14	Chornelia et al. 2022
<i>R. r. rex</i>	OK562966		NA	C16	Chornelia et al. 2022
<i>R. r. rex</i>	OK562965		NA	C16	Chornelia et al. 2022
<i>R. r. rex</i>	MG765744	MG560925	China: Yunnan, Jinning	C14	Zhang et al. 2018
<i>R. r. rex</i>	MG765741	MG560926	China: Yunnan, Jinning	C15	Zhang et al. 2018
<i>R. r. rex</i>	MG765742	MG560927	China: Yunnan, Jinning	C15	Zhang et al. 2018
<i>R. r. rex</i>	MG765743	MG560928	China: Yunnan, Jinning	C15	Zhang et al. 2018
<i>R. r. rex</i>	KT599913	KT599913	China: Yunnan	C15	Shi et al. 2016a
<i>R. r. rex</i>		MG570067	China: Yunnan	C15	Huang et al. unpublished
<i>R. r. rex</i>		EU075214	China: Yunnan	C17	Sun et al. 2008
<i>R. r. rex</i>		EU075215	China: Yunnan	C17	Sun et al. 2008
<i>R. r. rex</i>	OK562963		NA	C18	Chornelia et al. 2022
<i>R. r. rex</i>	OK562964		NA	C19	Chornelia et al. 2022
<i>R. r. rex</i>		KR346920	China	Not shown	Shi et al. 2016b
<i>R. r. rex</i>		KR346921	China	Not shown	Shi et al. 2016b
<i>R. r. rex</i>		KR346922	China	Not shown	Shi et al. 2016b
<i>R. r. paradoxolophus</i>	MG765745	MG560923	China: Guangxi, Baise	C20	Zhang et al. 2018
<i>R. r. paradoxolophus</i>	HM541666		China: Guangxi, Vicinity Of Nian Wei	C21	Francis et al. 2010
<i>R. r. paradoxolophus</i>	OQ659403	KY652896	V: Ha Giang, Khau Ca	V1	Tu et al. 2017; this study
<i>R. r. paradoxolophus</i>	OQ659404	OQ658596	V: Ha Giang, Khau Ca	V1	This study
<i>R. r. paradoxolophus</i>	HM541635		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541636		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541637		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541638		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541639		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541640		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541641		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541642		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010

Taxon	COI	Cytb	Location	Map	Sources
<i>R. r. paradoxolophus</i>	HM541643		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541644		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541668		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>		KY652897	Viet Nam: Tuyen Quang, Na Hang	V2	Tu et al. 2017
<i>R. r. paradoxolophus</i>	HM541645		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541646		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541647		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541648		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541649		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541650		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541651		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541652		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541653		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541654		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541656		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541657		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541658		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541659		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541661		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541662		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541663		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541664		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541665		Viet Nam: Tuyen Quang, Na Hang	V2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	JF444053		Viet Nam: Tuyen Quang, Na Hang	V2	Kruskop et al. unpublished
<i>R. r. paradoxolophus</i>	HM541667		Viet Nam: Lang Son, Huu Lien NR	V5	Francis et al. 2010
<i>R. r. paradoxolophus</i>	OQ659405		Viet Nam: Tuyen Quang, Na Hang	V2	This study
<i>R. r. paradoxolophus</i>	OQ659406		V: Son La, Copia	V6	This study
<i>R. r. paradoxolophus</i>	MG765740	MG560922	Vietnam: Phu Tho, Xuan Son NP	V7	Zhang et al. 2018
<i>R. r. paradoxolophus</i>	OQ659407		V: Ninh Binh, Cuc Phuong	V9	This study
<i>R. r. paradoxolophus</i>	OQ659408	OQ658597	V: Thanh Hoa, Ngoc Lac	V10	This study
<i>R. r. paradoxolophus</i>	MG765739	MG560921	Vietnam: Thanh Hoa, Xuan Lien	V11	Zhang et al. 2018
<i>R. r. paradoxolophus</i>	OQ659409		V: Nghe An, Pu Mat	V12	This study

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<i>R. r. paradoxolophus</i>	OQ659410	OQ658598	V: Quang Tri, Vietnam	V13	This study
<i>R. r. paradoxolophus</i>	HM541634		Laos: Houaphan, Namt NBCA	L1	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541670		Laos: Khammou	L2	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541669		Laos: Khammoun, Houayphipeng	L3	Francis et al. 2010
<i>R. r. paradoxolophus</i>	HM541671		Laos: Khammouan, Ban Xam Kang, Hin Nam No Region	L3	Francis et al. 2010
<i>R. r. paradoxolophus</i>	JF444060		Laos: Khammouan, Ban Xam Kang, Hin Nam No Region	L3	Kruskop et al. unpublished
<i>R. r. paradoxolophus</i>	HM541672		Laos: Khammouan, Nam Ngo, Hin Nam No Nbca	L3	Francis et al. 2010

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